

CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date  
7/24/03 in an envelope as "Express Mail Post Office to Addressee" mailing label Number ER399789899US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary E. Anza  
(typed or printed name of person mailing paper)

Mary E. Anza  
(Signature of person mailing paper)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Brig Barnum Elliott

For : SATELLITE COMMUNICATION WITH LOW PROBABILITY OF DETECTION

Filed: : Herewith

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

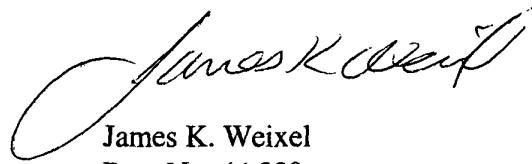
Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents.

Applicant does not intend to represent that the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,



James K. Weixel  
Reg. No. 44,399

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**INFORMATION  
DISCLOSURE  
CITATION**  
PTO-1449

ATTORNEY'S DKT No. 02-4107	APPLICATION NO. Unassigned
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APPLICANT(S) Brig Barnum Elliott
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**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

G. Minden et al.: "Routing in Space Based Internets," Information and Telecommunication Technology Center, Department of Electrical Engineering and Computer Science, University of Kansas, 3 pages.
Ram Ramanathan: "Making Ad Hoc Networks Density Adaptive," Internetwork Research Department, BBN Technologies, Cambridge, Massachusetts, 5 pages.
Ram Ramanathan: "Topology Control of Multihop Wireless Networks using Transmit Power Adjustment," Internetwork Research Department, BBN Technologies, Cambridge, Massachusetts 10 pages
Zhuochuan Huang et al.: "Topology Control for Ad hoc Networks with Directional Antennas," Department of Computer and Information Sciences, University of Delaware, Newark, Delaware, 7 pages.
Nachum Shacham: "Protocols For Multi-Satellite Networks," SRI International, Menlo Park, California pages 0501-0505.
Steve A. Borbash et al.: "Distributed Topology Control Algorithm for Multihop Wireless Networks," 6 pages.
Ram Ramanathan: "On the Performance of Ad Hoc Networks with Beamforming Antennas," Internetwork Research Department, BBN Technologies, Cambridge, Massachusetts, 11 pages.
"Keplerian Elements Tutorial," <a href="http://www.amsat.org/amsat/keps/kepmode1.html">http://www.amsat.org/amsat/keps/kepmode1.html</a> , February 14, 2003, pages 1-5.
Demitri Bertsekas, Robert Gallagher, <u>Data Networks</u> , 2 <sup>nd</sup> Edition, (1991), pages 418-433.
"To Diode, DORIS, Doris mission on SPOT 4," <a href="http://spot4.cnes.fr/spot4_gb/doris-di.ht">http://spot4.cnes.fr/spot4_gb/doris-di.ht</a> , October 28, 2002, pages 1-6.
"BLISL Project: The Second Year," <a href="http://www.technion.ac.il/ASRI/projects/blis1/2ndyear.htm">http://www.technion.ac.il/ASRI/projects/blis1/2ndyear.htm</a> , pages 1-9.
"SPOT 4 and ARTEMIS," November 20, 2001, <a href="http://www.ukspace.com/press/press105.htm">http://www.ukspace.com/press/press105.htm</a> , pages 1-3.

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**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

"Optical Ground Station has sights set on Artemis," European Space Agency, <a href="http://www.esa.int/export/esaSA/ESAII7UM5JC_telecom_2.html">http://www.esa.int/export/esaSA/ESAII7UM5JC_telecom_2.html</a> , pages 1-3.
NASDA Report: "Toward Inter-orbit Communications Experiments Using Optical Communications Technology," No. 85, July 1999, <a href="http://www.nasda.go.jp/lib/nasda-news/1999/07/opt_e.html">http://www.nasda.go.jp/lib/nasda-news/1999/07/opt_e.html</a> , pages 1-2.
Optical Space Communications Group, <a href="http://www2.crl.go.jp/mt/bl62/index-e.html">http://www2.crl.go.jp/mt/bl62/index-e.html</a> , 3 pages.
Thomas Ross Henderson: "Networking over Next-Generation Satellite Systems," University of California at Berkeley, Fall 1999, 157 pages.
Lloyd's satellite constellations-Overview, pages 1-16, <a href="http://www.ee.surrey.ac.uk/Personal/L.Wood/constellations/overview.html">http://www.ee.surrey.ac.uk/Personal/L.Wood/constellations/overview.html</a> .
LEO Satellite Constellations, pages 1-2, <a href="http://www.geocities.com/CapeCanaveral/Launchpad/4857/leocont.html">http://www.geocities.com/CapeCanaveral/Launchpad/4857/leocont.html</a> .
Internet Routing over LEO Satellite Constellations; Narvaez et al., pages 1-2, <a href="http://citeseer.nj.nec.com/narvaez98internet.html">http://citeseer.nj.nec.com/narvaez98internet.html</a> .
Citations: iSatellite ATM Networks: A Survey; Akylidiz et al., 1 page, <a href="http://citeseer.nj.nec.com/context/1248250/0">http://citeseer.nj.nec.com/context/1248250/0</a> .
Topology Control of Multihop Wireless Networks using Transmit Power Adjustment; Ramanathan et al., pages 1-2, <a href="http://citeseer.nj.nec.com/ramanathan00topology.html">http://citeseer.nj.nec.com/ramanathan00topology.html</a> .

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